



23

1PW  
Cofc

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Chia-Chung Wang et al.

Assignee: Bridge Semiconductor Corporation

Title: METHOD OF MAKING A SEMICONDUCTOR CHIP  
ASSEMBLY WITH A CONDUCTIVE TRACE AND A  
SUBSTRATE

Patent No.: 6,872,591 Issued: March 29, 2005

Serial No.: 10/646,415 Filed: August 22, 2003

Examiner: Dang, P. Group Art Unit: 2818

Atty. Docket No.: BDG018

---

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attention: Decision and Certificate of Correction  
Branch of the Patent Issue Division

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO MISTAKE**

Applicant hereby requests a Certificate of Correction for the captioned-patent due to a mistake by the Patent and Trademark Office in accordance with 37 C.F.R. § 1.322(a).

**Specification**

The captioned-application recites "11D" at page 29, line 21. However, the captioned-patent recites "1D" at column 18, line 15. Therefore, in the captioned-patent, "1D" should be changed to --11D-- at column 18, line 15.

The captioned-application recites “11D” at page 29, line 23. However, the captioned-patent recites “1D” at column 18, line 17. Therefore, in the captioned-patent, “1D” should be changed to --11D-- at column 18, line 17.

The captioned-application recites “13I” at page 34, line 20. However, the captioned-patent recites “131” at column 21, line 25. Therefore, in the captioned-patent, “131” should be changed to --13I-- at column 21, line 25.

The captioned-application recites “13I” at page 34, line 21. However, the captioned-patent recites “131” at column 21, line 27. Therefore, in the captioned-patent, “131” should be changed to --13I-- at column 21, line 27.

The captioned-application recites “29I” at page 43, line 28. However, the captioned-patent recites “291” at column 27, line 21. Therefore, in the captioned-patent, “291” should be changed to --29I-- at column 27, line 21.

The captioned-application recites “29I” at page 43, line 29. However, the captioned-patent recites “291” at column 27, line 23. Therefore, in the captioned-patent, “291” should be changed to --29I-- at column 27, line 23.

The captioned-application recites “45I” at page 51, line 23. However, the captioned-patent recites “451” at column 32, line 14. Therefore, in the captioned-patent, “451” should be changed to --45I-- at column 32, line 14.

The captioned-application recites “45I” at page 51, line 24. However, the captioned-patent recites “451” at column 32, line 16. Therefore, in the captioned-patent, “451” should be changed to --45I-- at column 32, line 16.

The captioned-application recites “58B” at page 54, line 18. However, the captioned-patent recites “586” at column 33, line 65. Therefore, in the captioned-patent, “586” should be changed to --58B-- at column 33, line 65.

The captioned-application recites “interconnect” at page 90, line 11. However, the captioned-patent recites “Interconnect” at column 56, line 13. Therefore, in the captioned-patent, “Interconnect” should be changed to --interconnect-- at column 56, line 13.

### **Claims**

The captioned-application recites “opening” at claim 4, line 3. However, the captioned-patent recites “open ing” at column 60, line 6 (claim 4). Therefore, in the captioned-patent, “open ing” should be changed to --opening-- at column 60, line 6 (claim 4).

The captioned-application recites “is” at claim 29, line 1. However, the captioned-patent recites “Is” at column 61, line 63 (claim 29). Therefore, in the captioned-patent, “Is” should be changed to --is-- at column 61, line 63 (claim 29).

The captioned-application recites “(i)” at claim 101, line 1. However, the captioned-patent recites “(I)” at column 66, line 10 (claim 101). Therefore, in the captioned-patent, “(I)” should be changed to --(i)-- at column 66, line 10 (claim 101).

The captioned-application recites “into” at claim 171, line 4. However, the captioned-patent recites “Into” at column 69, line 40 (claim 171). Therefore, in the captioned-patent, “Into” should be changed to --into-- at column 69, line 40 (claim 171).

The captioned-application recites “routing” after “vertical” at claim 199, line 2. However, the captioned-patent recites “muting” at column 70, line 63 (claim 199). Therefore, in the captioned-patent, “muting” should be changed to --routing-- at column 70, line 63 (claim 199).

The captioned-application recites “metal” at claim 354, line 2. However, the captioned-patent recites “meta,” at column 82, line 2 (claim 354). Therefore, in the captioned-patent, “meta,” should be changed to --metal-- at column 82, line 2 (claim 354).

The captioned-application recites "into" at claim 370, line 1. However, the captioned-patent recites "Into" at column 83, line 32 (claim 370). Therefore, in the captioned-patent, "Into" should be changed to --into-- at column 83, line 32 (claim 370).

The captioned-application recites "into" at claim 418, line 1. However, the captioned-patent recites "Into" at column 88, line 9 (claim 418). Therefore, in the captioned-patent, "Into" should be changed to --into-- at column 88, line 9 (claim 418).

The captioned-application recites "disposing an insulative base . . . and the substrate; then" as a subparagraph at claim 426, lines 11-12. However, the captioned-patent recites "disposing an insulative base . . . outside the cavity; and then" as a subparagraph at column 89, lines 24-37 (claim 426). Therefore, in the captioned-patent, "disposing an insulative base . . . and the substrate; then" should be a subparagraph at column 89, lines 24-26 (claim 426).

The captioned-application recites "routing" at claim 500, line 2. However, the captioned-patent recites "muting" at column 104, line 2 (claim 500). Therefore, in the captioned-patent, "muting" should be changed to --routing-- at column 104, line 2 (claim 500).

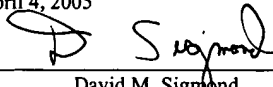
### **Certificate**

A PTO/SB/44 (also Form PTO-1050) which is suitable for printing is attached.

Please send the Certificate to:

David M. Sigmond  
487 Blackfoot Street  
Superior, Colorado 80027

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 4, 2005

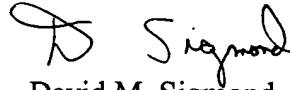


David M. Sigmond  
Attorney for Applicant

4, 4, 05

Date of Signature

Respectfully submitted,



David M. Sigmond  
Attorney for Applicant  
Reg. No. 34,013  
(303) 554-8371  
(303) 554-8667 (fax)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

**PATENT NO.:** 6,872,591 B1  
**DATED:** March 29, 2005  
**INVENTOR:** Chia-Chung Wang et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 18

Lines 15 and 17, change "1D" to --11D--.

Column 21

Lines 25 and 27, change "131" to --13I--.

Column 27

Lines 21 and 23, change "291" to --29I--.

Column 32

Lines 14 and 16, change "451" to --45I--.

Column 33

Line 65, change "586" to --58B--.

Column 56

Line 13, change "Interconnect" to --interconnect--.

Column 60

Line 6, change "open ing" to --opening--.

Column 61

Line 63, change "Is" to --is--.

Column 66

Line 10, change "(I)" to --(i)--.

Column 69

Line 40, change "Into" to --into--.

Column 70

Line 63, change "muting" to --routing--.

Column 82

Line 2, change "meta," to --metal--.

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

**PATENT NO.:** 6,872,591 B1  
**DATED:** March 29, 2005  
**INVENTOR:** Chia-Chung Wang et al.

**It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:**

Column 83

Line 32, change "Into" to --into--.

Column 88

Line 9, change "Into" to --into--.

Column 89

Lines 24-26, "disposing an insulative base . . . and the substrate; then" is a subparagraph.

Column 104

Line 2, change "muting" to --routing--.

**MAILING ADDRESS OF SENDER:**

David M. Sigmond  
487 Blackfoot Street  
Superior, CO 80027

**PATENT NO. 6,872,591**

No. of additional copies  
0

**Burden Hour Statement:** This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.